

TITLE

A METHOD OF IMPARTING STAIN RESISTANCE TO A  
DIFFERENTIALLY DYEABLE TEXTILE SURFACE AND THE ARTICLE  
PRODUCED THEREBY

## ABSTRACT OF THE DISCLOSURE

A method of treating articles having a textile  
surface (such as broadloom carpets or carpet tiles)  
with a stainblocker composition is disclosed.

A pile surface structure having pile elements  
containing nylon yarns having both acid dyeability and  
cationic dyeability is dyed with both acid dye and  
cationic dye and then passed through a hot stainblocker  
treatment bath and a cooling zone. Substantially the  
entire height of each pile element is coated with a  
stainblocker composition whereby the pile surface  
structure has a stain resistance of 9 or higher on the  
AATCC Red 40 Stain Scale. The resulting pile surface  
has good color separation and stability, and no color  
loss from the catatonically dyeable yarns.